CS3810 Fall 2017 HW6
Due Friday, Nov 10

Now that you have a reservation system designed, time to add the User Interface and load up data.

Design
The only input and output will be thru a program (Java or Python) that interfaces with the database.

Load the data
Using the 3 airlines and 8 cities, load the data into the appropriate tables. The load program will be a text file named `HW6Load.sql.` Feel free to create a spreadsheet if it's easier. If you do use the spreadsheet, make sure it's in the github repo so I can recreate your system.

To reduce your typing, create a file with these routes:

United flies to all cities
British Air flies in England and to/from Canada and to/from France
AirCan flies in Canada and to/from England

Dialog 1 - User data
    Ask the user for name, address, phone, email and put into the Customer table (or whatever you named it).
    Verify the Customer data, e.g. the phone number is in the correct format, the email address is the correct format (has the @ in it), the zip code format is correct (5 digits). If there is a problem, do not add the customer to the database but print out the data with a short description of the problem. This error fiile is a text file named `HW6.error`

Dialog 2 - Select a flight
    Ask the user what city they are starting from, then display the list of cities that originate in that city and all the destinations. Assume everything is non-stop, no connections.
    Ask the user for the destination city. Then save the flight information to the Reservation table (or whatever you've named it. If the city doesn't exist, display a message to the user to select another city. They only have 3 attempts, then exit the program.

Dialog 3 - Confirmation
After the successful creation of a flight, print out a confirmation that includes the Customer's information and the Flight information in a readable and practical format. Save this information to a text file named `HW6.flight`

To Do:
Make sure the following files are in your github repo:
        HW6.flight
        HW6.error
        HW6Load.sql
        The java/python source code with any special instructions needed to create the system and/or run it.